

ASSIGNMENT

Whereas, We, Xuehua Wu, Mingjun Zhao, John Feng, and Giovanni Barbarossa, having agreed to assign the below identified invention to AVANEX CORPORATION ("AVANEX"), a Delaware corporation having its principal place of business at 40919 Encyclopedia Circle, Fremont, CA 94538 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto AVANEX, its successors and assigns, the entire right, title, and interest, including the right of priority in, to and under an application for Letters Patents of the United States entitled:

**"Reconfigurable Thin Film Filter Based DWDM Devices for
Reconfigurable Add-Drop Optical Systems"**

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____, filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of AVANEX, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to AVANEX, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature: Xuehua Wu Date: 12/14/03
Xuehua Wu

Inventor's Signature: Mingjun Zhao Date: 12/12/03
Mingjun Zhao

Inventor's Signature: John Feng Date: 12/12/03
John Feng

Inventor's Signature: Giovanni Barbarossa Date: 12/11/03
Giovanni Barbarossa